



Optoelectronic and Photonic Devices

Task Manager: Dr. Quie Kim (JPL)

Objective

- **Space reliability/qualification guideline for the newly developed optoelectronic devices.**
- **Report on life test.**
- **Publish accelerated reliability test results in technical journals.**
- **Report Lifetime & Failure Mechanisms of LEDs (GRC).**

Deliverables

- **Results of tests under stress (D)**
- **Reports on Failure Models and Prevention Strategy(D)**
- **Guideline of Space Qualification Plan (D)**
- **Final reliability test reports to JPL.(D)**

Participating Centers

- **Dr. Margaret Tuma (GRC)**
- **Dr. Carl Magee (LaRC)**